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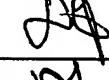
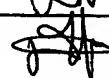
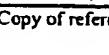
U. S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS	SUBCLASS	FILING DATE

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS

EXAMINER INITIAL	AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.
	Ungerboeck G: "Fractional Tap-Spacing Equalizer and Consequences for Clock Recovery in Data Modems" <i>IEEE Transactions on Communications</i> , US, IEEE Inc. New York, vol. COM-24, no. 8, August 1976, pages 856-864*
	Qureshi, S.U H et al: "Performance and Properties of a T/2 Equalizer" <i>NTC. Conference Record</i> , vol. 1, December 5, 1977, pages 111-1-111-09, page 4, right-hand column, line 22-35, page 5, left-hand column, line 19-37*
	Schenk, H et al: "Messtechnische Untersuchungen Zur Datenuebertragung Ueber Fernsprechkanale Mit Hilfe Eines Flexible Experimentiersystems. Practical Investigations of Data Transmission Over Telephone Channels by a Flexible Experimental System" <i>Frequenz</i> , DE, Schiele Und Schon GmbH. Berlin, vol. 34, no. 4, April 1980, pages 109-117*
	K.D. Kammeyer: <i>Nachrichtenuebertragung (Telecommunication)</i> , B. G. Teubner Verlag, Stuttgart, 1992, pages 313-316, 510-512
	J.G. Proakis: <i>Digital Communications</i> , McGraw-Hill, 1989, pages 561-569, 587-593
	Giltin et al: "The Tap Leakage Algorithm: an Algorithm for the Stable Operation of a Digitally Implemented, Fractionally Spaced Adaptive Equalizer" <i>BSDJ</i> , no. 8, vol. 61, October 1982, pages 1817-1839

* Copy of reference is not enclosed because reference is cited and described in Search Report (copy of reference provided by International Searching Authority).

EXAMINER 	DATE CONSIDERED 5/25/05
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.